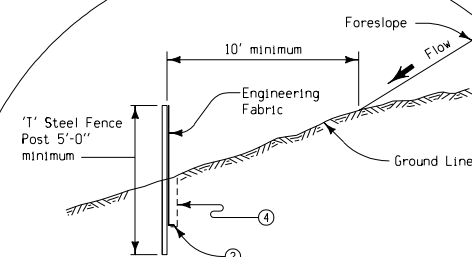
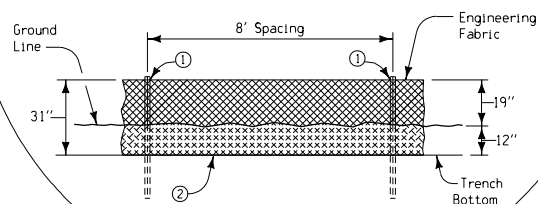


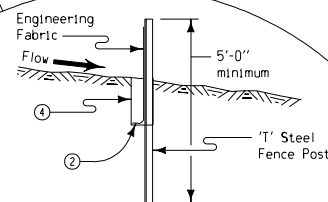
SITUATION PLAN



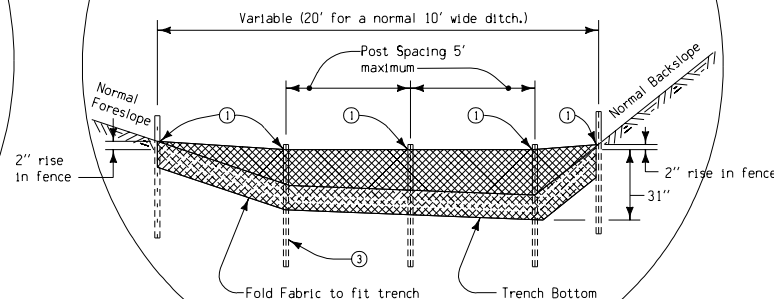
TYPICAL SECTION



DETAILS OF SILT FENCE



TYPICAL SECTION



DETAILS OF DITCH CHECK

GENERAL NOTES:

The details shown hereon describe various methods of construction which may be required for the control of siltation on the project. The Contractor shall be responsible for accomplishing the required construction work on this project in such a manner as to effectively minimize and control the water pollution which might be caused by soil erosion from the project. It is intended that these features be maintained in appropriate functional condition from initial construction stages to final completion of project.

In addition to the details shown, other provisions for controlling erosion may be incorporated into the project work.

Materials and methods of construction shall be in accordance with the current Standard and Supplemental Specifications.


Steel line posts for field fence (T-section), exclusive of anchor plate, shall weigh not less than 1.3 pounds per foot.

All compaction of backfill shall be accomplished with a mechanical tamper or pneumatic tamper. All compaction equipment shall be operated according to the manufacturers recommendations.

Basis of payment shall be linear feet of satisfactorily installed silt fence or ditch check. Measurement shall be along centerline of installation.

Price bid for "Silt Fence," linear feet, or "Silt Fence for Ditch Checks," linear feet, shall be considered full compensation for all installation work and materials necessary as detailed hereon.

- ① Secure top of Engineering Fabric to Steel Posts; see details of attachment to post.
- ② Engineering Fabric to be folded across the bottom of the trench.
- ③ Steel Posts to be embedded 28 inches below bottom of trench. The steel post nearest the pavement shall be embedded 39 inches.
- ④ Trench 12" deep x 4" wide minimum; backfill to be compacted.
- ⑤ 50 lb. Cable Ties (Min.).

 Iowa Department of Transportation Project Development Division	
STANDARD ROAD PLAN RC-16B	
REVISION: Change fabric; revise notes.	REVISION NO. 1
APPROVED BY: <i>John C. Chapp</i> 05-24-99 DESIGN METHODS ENGINEER	REVISION DATE 09-21-99
EROSION CONTROL DETAILS FOR SILT FENCE (ENGINEERING FABRIC-TRENCH INSTALLATION)	